

Title (en)  
APPARATUS AND METHOD FOR THE TREATMENT OF ORGANIC WASTE

Title (de)  
BEHANDLUNG VON ORGANISCHEM ABFALL

Title (fr)  
TRAITEMENT DES DÉCHETS ORGANIQUES

Publication  
**EP 2621874 B1 20180606 (EN)**

Application  
**EP 11773481 A 20110926**

Priority  
• FI 20105999 A 20100928  
• FI 2011050829 W 20110926

Abstract (en)  
[origin: WO2012042108A1] There is provided an apparatus for assisting hygienization of organic waste. The apparatus comprises at least one reception means for receiving organic solid matter and organic waste, mixing means for mixing the organic waste and the organic solid matter together into an organic mixture, selecting means for selecting whether to expose the organic mixture in the mixing means to either: aeration in order to create a homogenized and internally oxygenous organic mixture, thereby accelerating the hygienization of the organic mixture, or a heat treatment, wherein the heat treatment performs the hygienization of the organic mixture, or to neither the aeration nor the heat treatment,. The mixing means may then expose the organic mixture to the aeration, or to the heat treatment, or to neither of the aeration nor the heat treatment on the basis of the selection. The apparatus may further comprise delivery means for passing the organic mixture to either aerobic biodegradation or an end user.

IPC 8 full level  
**C05F 9/02** (2006.01); **C05F 17/00** (2006.01)

CPC (source: EP FI US)  
**A61L 2/04** (2013.01 - US); **C02F 11/00** (2013.01 - FI); **C02F 11/185** (2013.01 - FI); **C05F 9/02** (2013.01 - EP US); **C05F 17/50** (2020.01 - EP US); **C05F 17/70** (2020.01 - EP FI US); **C12M 41/12** (2013.01 - US); **C12M 45/00** (2013.01 - US); **C12M 45/02** (2013.01 - US); **C12M 45/20** (2013.01 - US); **Y02A 40/20** (2017.12 - US); **Y02P 20/145** (2015.11 - US); **Y02W 30/40** (2015.05 - US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012042108 A1 20120405**; CA 2812689 A1 20120405; CA 2812689 C 20181113; CN 103189336 A 20130703; CN 103189336 B 20160706; DK 2621874 T3 20180903; EP 2621874 A1 20130807; EP 2621874 B1 20180606; ES 2685903 T3 20181015; FI 123721 B 20131015; FI 20105999 A0 20100928; FI 20105999 A 20120329; FI 20105999 L 20120329; HU E039332 T2 20181228; LT 2621874 T 20181112; PL 2621874 T3 20181231; PT 2621874 T 20181015; US 2013183745 A1 20130718; US 9216230 B2 20151222

DOCDB simple family (application)  
**FI 2011050829 W 20110926**; CA 2812689 A 20110926; CN 201180047043 A 20110926; DK 11773481 T 20110926; EP 11773481 A 20110926; ES 11773481 T 20110926; FI 20105999 A 20100928; HU E11773481 A 20110926; LT 11773481 T 20110926; PL 11773481 T 20110926; PT 11773481 T 20110926; US 201113825834 A 20110926